

## **SAMPLER SYSTEM PARTICULATE**

**MANUFACTURER: SKC, INC.**

**Manufacturer Model# 100-3901**

**Manufacturer's PHONE: (724) 941-9701 FAX: (724) 941-2184**

**Manufacturer's Website: <http://www.skcinc.com>**

**Item Web Link:**

**<http://www.skcinc.com/prod/100-3901.asp>**

**AAC 'L' ITEM NSN 6665-01-541-2405**

**UAs: 106A, 216B, 218B**

**USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$3,593.39**

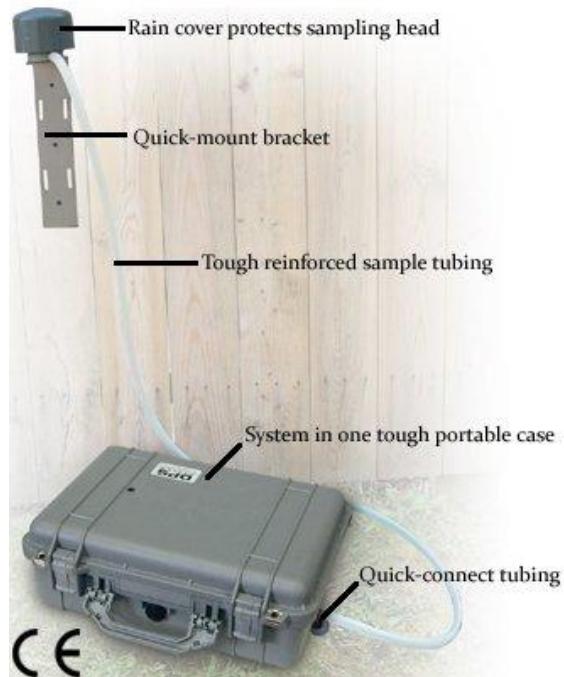
**System Description:** This is a portable, lightweight, and cost-effective ambient air sampling system that features a fully programmable Leland Legacy Sample Pump with high-power Li-Ion battery for over 24 hours of run time. Specially designed sampling heads are easily loaded with media and deployed. The pump operates from inside the case for protection during sampling. SKC deployable sampler systems offer the added advantage of PC programmability with the DataTrac Software accessory for advanced scheduling options and record keeping. Two external battery assemblies with adapters are packaged separately.

**Features:**

- Compact and portable - only one case
- Fast setup with modular components and quick-connect tubing
- Ideal for remote locations and indoor air sampling
- 24-hour Li-Ion battery-operated system
- Easy, secure operation from within a heavy-duty lockable case
- Quick-mount bracket is easy to install
- Quick-change battery packs
- Rain cover protects sampling head
- Compact for easy transport
- Low noise for indoors
- System pump provides constant, accurate airflows
- Simple 3-button keypad for setting a single unattended sample run
- Program for multiple runs with a PC and DataTrac for Leland Legacy Software



**SAMPLER SYSTEM PARTICULATE**  
**PART # 100-3901**  
**NSN 6665015412405**



**SAMPLER SYSTEM PARTICULATE SET UP**  
**PART # 100-3901**  
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\* U.S. Patent No. 7,334,453



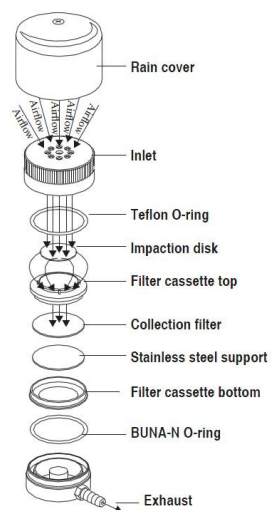
**SAMPLER SYSTEM PARTICULATE**  
**PART # 100-3901**  
**NSN 6665015412405**



**PUMP**



**IMPACTOR (SAMPLING HEAD)**  
**PART # 225-395**



*Exploded view of IMPACT Sampler*

**SAMPLER (EXPLODED)**  
**PART # 225-395**

# SAMPLER SYSTEM PARTICULATE PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>6.9</b>
	<b>Width (Inches)</b>	<b>4.1</b>
	<b>Length (Inches)</b>	<b>18.5</b>
	<b>Cube (Cubic Feet)</b>	<b>0.3029</b>
	<b>Weight</b>	<b>13 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		<b>-4 to 95 °F</b>
<b>Operating Temp</b>		<b>32 to 113 °F</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>Rechargeable Li-Ion battery, 7.4 V, 2-Ah capacity, 88 Wh</b>	
<b>Notes</b>	<b>Flow Rate:</b> 10 L/min <b>Run Time:</b> > 24 hours (one battery charge) <b>Battery Recharge Time:</b> 15 hours <b>Charging Temperature:</b> 32 to 113 °F <b>Analysis:</b> Gravimetric and/or chemical	

**SAMPLER SYSTEM PARTICULATE  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN SKC, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6665015412405		Sampler System Particulate	100-3901		1	EA	\$3,593.39	\$3,593.39	N/A
	Awaiting NSN	Battery Assembly External with Adapter	223-247		2	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
	Awaiting NSN	Tubing Calibration PVC Reinforced Flexible 1ft	P300041		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
	Awaiting NSN	Tubing PVC Reinforced Flexible 6.5ft	P30004		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
	Awaiting NSN	Tubing Silicone 0.4ft	P30255A		1	2/PG	Incl w/NSN 2405	Incl w/NSN 2405	N/A
5340016043355		Bracket Mounting	225-399		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
6665016043407		Adapter Calibration	225-394		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
6665016061844		Cover Protective	225-398		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
6665016061872		Sampling Head (Filter Cassette)	225-396		2	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
6665016061927		Cassette Opener Particulate Filter	225-397		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A
6665016062104		Disc Impaction Disposable 25s	225-395		1	25/PG	Incl w/NSN 2405	Incl w/NSN 2405	6
7610015437003		Literature Operator	P40101		1	EA	Incl w/NSN 2405	Incl w/NSN 2405	N/A

**SAMPLER SYSTEM PARTICULATE  
WEB LINKS**

**[Click Below for Literature, Operation](#)**

**[<http://www.skinc.com/SearchDownloads/default.asp>](http://www.skinc.com/SearchDownloads/default.asp)**